

## Recombinant Human SCPEP1 Protein, His-tagged

**Cat. No.** SCPEP1-528H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human SCPEP1 (NP_067639.1) (Met1-Glu452) was expressed with a polyhistidine tag at the C-terminus                                                                                                                                                     |
| <b>Species</b>              | Human                                                                                                                                                                                                                                                             |
| <b>Source</b>               | HEK293                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>        | Met1-Glu452                                                                                                                                                                                                                                                       |
| <b>Predicted N Terminal</b> | Ala 27                                                                                                                                                                                                                                                            |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4. Normally 5 %- 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                                     |
| <b>Molecular Mass</b>       | The recombinant human SCPEP1 consists of 437 amino acids and predicts a molecular mass of 49.4 kDa.                                                                                                                                                               |
| <b>Endotoxin</b>            | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                                          |
| <b>Purity</b>               | > 95 % as determined by SDS-PAGE.                                                                                                                                                                                                                                 |
| <b>Storage</b>              | Samples are stable for up to twelve months from date of receipt at -70 centigrade. Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** SCPEP1 serine carboxypeptidase 1 [ Homo sapiens ]

**Official Symbol** SCPEP1

**Synonyms**

SCPEP1; serine carboxypeptidase 1; retinoid-inducible serine carboxypeptidase; retinoid inducible serine carboxypeptidase; RISC; serine carboxypeptidase 1 precursor protein; HSCP1;

**Gene ID** 59342

**mRNA Refseq** NM\_021626

**Protein Refseq** NP\_067639

**UniProt ID** Q9HB40

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